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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 10/790,382 | 03/01/2004 | David J. Laverick | 702.320 | 1093 |
| 38933 | 7590 | 01/28/2008 | | |
| GARMIN LTD. C/O GARMIN INTERNATIONAL, INC. ATTN: Legal - IP 1200 EAST 151ST STREET OLATHE, KS 66062 | | | | |
| | | | EXAMINER | |
| | | | TO, TUAN C | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 3663 | |
| | | | MAIL DATE | DELIVERY MODE |
| | | | 01/28/2008 | PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/790,382

Applicant(s)

LAVERICK ET AL.

Examiner

Tuan C. To

Art Unit

3663

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 October 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 18-20 and 24-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 18-20 is/are allowed.
- 6) ☒ Claim(s) 24-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date: _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

The indicated allowability of claims 24-27 is withdrawn in view of the newly discovered reference(s) to Chang (US 6409242B1). Rejections based on the newly cited reference(s) follow.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 24-27 are rejected under 35 U.S.C. 112 (second paragraph) as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claim 24, claim 24 recites the limitation "the mounted navigation device" in the claim. There is insufficient antecedent basis for this limitation in the claim.

Claims 25-27 are rejected for the same reason.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(f) or (g) prior art under 35 U.S.C. 103(a).

Claims 24-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chang (US 6409242B1) and in view of Brunts et al. (US 5964821A).

As to claims 24, and 26, Chang basically discloses a navigation assembly comprising: a mounting assembly mounted in an open port of a vehicle (see abstract; a vehicle roof mounted video display is disclosed, wherein the display is rotatable 180° about a first axis), the mounting assembly which is the video display including a support plate riding up and down a generally linear stem to generally linearly raise and lower (see figure 7-9 show the variety position of the mounting assembly 22. In Chang, the first stowed position, none of the display can be viewed (figure 5, the mounting assembly 22 having display screen faces the housing 24, none of the display can be viewed); in a second, intermediate position, only a lower portion of the display may be

viewed (figure 9); and in a third position, substantially all of the display may be viewed (figure 2 illustrates the display 22 in a viewing position).

As previously discussed, which concerns to the language: "open port of a vehicle resulting from removal of a non-navigation component" is given very little weight in apparatus claim. If you have the apparatus, you meet the structure of the claims. That type of language is only given substantial weight in method claims. In the case, Chang meets all the structure features and therefore meets the claim.

Chang only fails to disclose a navigation device including a navigation component, a processor coupled to the navigation component for calculating a location of the navigation device, a memory coupled with the processor for storing cartographic data, and a display.

Brunts et al. discloses a basic navigation system including a navigation component (column 2, lines 56-58, position sensing receiver for receiving GPS position information signals), a processor coupled with said position sensing receiver (column 2, lines 65-67), a memory coupled with the processor for storing cartographic data (see column 2, lines 60-62), and a display (column 3, lines 1-5).

Hence it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the system as taught by Chang by substituting the navigation system as taught by Brunts et al. in order to switch between a stereo system and a navigation system whenever needed.

As to claim 25, Chang further discloses that the vehicle roof mounted video display is operable to pivot left and right about a generally transverse axis (see figure 7).

As to claim 27, Chang discloses that the roof mounted video display is rotated about the generally transverse axis when said display is in either the intermediate or lowered position (see figures 7-9).

Allowable Subject Matter

Claims 18-20 are allowable.

Conclusions

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan C To whose telephone number is (571) 272-6985. The examiner can normally be reached on from 8:00AM to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Keith can be reached on 571-272-6878.

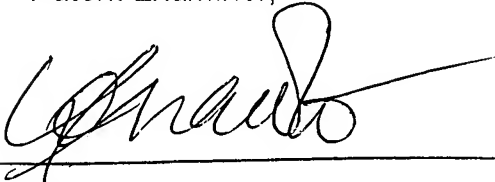
The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Application/Control Number:
10/790,382
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Patent Examiner,

A handwritten signature in black ink, appearing to read 'Tuan C To', is written over a horizontal line.

Tuan C To

January 22, 2008